Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

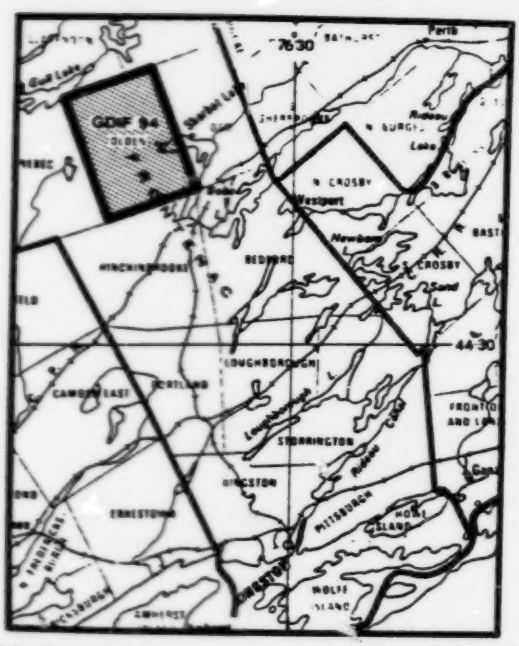
John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY
GEOLOGICAL DATA INVENTORY FOLIO
GDIF 94

OLDEN TOWNSHIP

FRONTENAC COUNTY

**Compiled by the Staff of
the Resident Geologist's Office,
Tweed**



LOCATION MAP

**Scale 1:1 013 760 or
1 inch to 16 miles**

NTS Number 31C/15, 31C/10

Mining Claim Map Number 136

This project was funded by the Mining Sector Work Program under the sponsorship of Barrie Township.

STATEMENT. This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows.

Ontario Geological Survey.

1984 : Olden Township, Frontenac County; Ontario Geological Survey Geological Data Inventory Folio 94, compiled by the staff of the Resident Geologist's Office, Tweed, 26 pages and 2 maps.

Original Compilation by: John A. Easton, January 31, 1983

Date	Page Revised	Revised by
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Date	Page Revised	Revised by

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ACCOMPANYING MAPS

Property Location Map - 1 map

Exploration Data Map - 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this map. If no reference data was found, the appropriate box is marked 'no'; if reference was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	J.E.
2	Assessment Files Research Office, Toronto	Yes	J.E.
3	ODM General Index; 7 volumes	Yes	J.E.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	J.E.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	J.E.
6	ODM Industrial Mineral Reports	Yes	J.E.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	J.E.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	J.E.
9	Newspaper Clippings File	Yes	J.E.
10	GSC Index to Publications	Yes	J.E.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	J.E.
12	OGS Index Maps	Yes	J.E.
13	Source Mineral Deposit Records (O.G.S.)	Yes	J.E.
14	Author - Subject Articles File	No	J.E.
15	Miscellaneous Papers: ODM & OGS	No	J.E.
16	ODM Geological Circulars: OGS Study Series	Yes	J.E.
17	ODM Preliminary Reports: ODM Bulletins	Yes	J.E.
18	ODM – OGS Open File Reports	Yes	J.E.
19	OGS Northern Ontario Engineering Geology Terrain Studies	N.A.	J.E.
20	OGS Aggregate Resources Inventory Papers	No	J.E.
21	OGS Mineral Potential Maps	Yes	J.E.
22	Aerial Photographs on File, Tweed	Yes	J.E.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . Anhydrite
- △ ank. . . . . Ankerite
- △ anna . . . . . Annabergite
- ▲ ap. . . . . Apatite
- △ arg . . . . . Argentite
- △ As . . . . . Arsenic
- △ asp . . . . . Arsenopyrite
- △ asb . . . . . Asbestos
- △ ba. . . . . Barite
- △ be. . . . . Beryl
- △ Bi. . . . . Bismuth
- △ bn . . . . . Bornite
- △ bran . . . . . Brannerite
- △ bruc . . . . . Brucite
- △ Cd . . . . . Cadmium
- ▲ calc. . . . . Calcite
- △ carb . . . . . Carbonate
- △ cel . . . . . Celestite
- △ cc. . . . . Chalcocite
- ▲ cp. . . . . Chalcopyrite
- △ ch. . . . . Chert
- △ clay . . . . . Clay
- ▲ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . Columbite
- ▲ Cu . . . . . Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- ▲ fel . . . . . Feldspar
- △ fl . . . . . Fluorite (fluorspar)
- △ fu. . . . . Fuchsite
- ▲ gn. . . . . Galena
- ▲ gt. . . . . Garnet
- △ goe . . . . . Goethite
- ▲ Au . . . . . Gold
- △ gf. . . . . Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- △ Fe . . . . . Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- ▲ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- ▲ mb . . . . . Marble
- △ mar. . . . . Marcasite
- ▲ ma . . . . . Marl
- ▲ mi . . . . . Mica
- △ ml . . . . . Millerite
- ▲ mo . . . . . Molybdenite
- ▲ Mo . . . . . Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . Niccolite
- ▲ Ni. . . . . Nickel
- △ Nb . . . . . Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . Peat
- △ pent . . . . . Pentlandite
- △ Pt. . . . . Platinum
- ▲ py . . . . . Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . Pyrolusite
- ▲ po . . . . . Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . . Quartz carbonate vein
- △ ra. . . . . Radioactive minerals
- △ RE . . . . . Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- ▲ Ag . . . . . Silver
- △ sl . . . . . Slate
- △ sm . . . . . Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- ▲ sp. . . . . Sphalerite
- △ spd . . . . . Spodumene
- △ staur . . . . . Staurolite
- △ stib. . . . . Stibnite
- ▲ st . . . . . Stone
- △ talc. . . . . Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . Thorite
- ▲ Th . . . . . Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . Tourmaline
- △ trap . . . . . Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- ▲ U . . . . . Uranium
- △ verm . . . . . Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . Zinc
- △ zr . . . . . Zircon

- ▲ Cb. . . . . Columbium
- ▲ eux. . . . . Euxenite
- ▲ poly. . . . . Polycrase
- ▲ S. . . . . Sulphides
- ▲ uran. . . . . Uraninite

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Avery, Con. IX, Lot 24 E½	mo		OGS 1968, MRC 7, p. 24	OGS 1964, GC12, p. 16 +Map 2053 OGS 1947, AR Vol. 56, PT. 6, p. 90 NMI File 31C/15, Mo 4
B	Barker, Bruce, Con. IV, Lot 14	Au			OGS 1947, AR Vol. 56, PT. 6
C	Bertrim, Con. VI, Lot 15	S, Au		OGS 1967, MRC 5, p. 7	OGS 1964, GC12, p. 16 + Map 2053 OGS 1947, AR Vol. 56, PT6, p57-58 NMI File 31C/15, PVR 4
D	Black Lake Con. X, Lot 14, 15	ma		OGS 1969, MRC 28, p. 37 + Map 2153	OGS 1964, GC12, p. 16 + Map 2053 OGS 1947, AR Vol. 56, PT. 6, p. 72
E	Building Products Con. III, Lot 11	st (gabbro)			OGS 1979, OFR 5271, p. 97 OGS 1947, AR. Vol. 56, PT. 6, p. 45
F	Carnahan Lake, Gurnsey, J. L. Con. II, Lot 11	Ni, Cu, cp			OGS 1981, OFR 5271, p. 92
G	Conboy, Leslie Con. X, Lot 18	mag			OGS 1947, AR Vol. 56, PT. 6
H	Ellsworth, John Con. X, Lot 4	mi		OGS 1968, MRC8, p. 40	OGS 1964, GC12, p. 16 + Map 2053 OGS 1947, AR Vol. 56, PT. 6, p. 74 NMI File 31C/10, Mi 34
I	Gray, Percy Con. IV, Lot 19 SW¼	mo		OGS 1968, MRC7, p. 24	OGS 1964, GC12, p. 16 + Map 2053 OGS 1947, AR Vol. 56, PT. 6, p. 89 NMI File 31C/15, Mo 3
	(continued)				

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
	(continued)				
J	Guardian Con.XI,Lot 30	U			NMI File 31C/15,U 6 Resident Geologist's File
K	Hawley Con.III,Lot 4	sp,gn,cp			OGS 1981,Map 2449,Long Lake OGS 1979,OFR 5271,p.87-88
L	Long Lake (Richardson Mine) Con.V,VI, Lot 3 S½	sp,gn,cp, py, Ag		OGS 1969,MRC12, p.133-134	OGS 1981,Map 2449, Long Lake OGS 1979,OFR 5271, p.76-87 OGS 1964, GC12,p.16 + Map 2053 OGS 1947, AR.Vol.56,PT 6, p.91-94 Econ.Geol.1930,Vol.8,p.146-151 NMI File 31C/10 Zn 1 GSC 1904, AR.Vol.16, p.142.S GSC 1902, AR.Vol.15,p.135,204
M	Lynx Con.III,Lot 10	sp			OGS 1981, Map 2449, Long Lake OGS 1979,OFR 5271, p.88
N	MacDonnell Con.VI, Lot 7	Mo		OGS 1968,MRC7,p22-23	OGS 1981,Map 2449, Long Lake OGS 1979,OFR 5271,p.94,96 OGS 1964,GC12,p.16 + Map 2053 NMI File 31C/10, Mo 2
O	MacPherson, Andrew Con.III,Lot 9	ma		OGS 1969,IMR 28, p.37,38 + Map 2183	DEMR #070613 OGS 1947,AR Vol.56,PT.6,p.73 OGS 1947,Map 1947-5 Olden-Bedford
	(continued)				

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
	(continued)				
P	MacPherson, Colin & Bragg Con.XI,Lot 17	fel, mag		OGS 1967,IMR 21,p19 OGS 1952,IMC3,p4,10	DEMR #070492 OGS 1964, GC12,p.16+Map 2053 OGS 1947 AR.Vol.56,PT6,p.48 OGS 1947, Map 1947-5 GSC Bulletin 1846-1955,p.438
Q	McCrimmon, Sam Con.XI,Lot 21	mag, py			NMI File 31C/15 Fe 1 OGS 1947,AR Vol.56,PT.6
R	MacKnight, William Con.IV,Lot10W½	Au,Ni, py		OGS 1969,MRC12,p135	NMI File 31C/10 Au 1 OGS 1981,Map 2449,Long Lake OGS 1979,OFR 5271,p.94-95 OGS 1964,GC12,p.16+Map 2053 OGS 1947,AR Vol.56,PT6,p.57
S	Mountain Grove Con.II,Lot 18	S, mb		OGS 1968,MRC16,p.55 OGS 1968,MRC12,p.16	OGS 1947,AR Vol.56,PT6,p.45 OGS 1947,Map 1947-5 Olden-Bedford Area
T	Neadow, Alfred Con.VI,Lot 7	mo		OGS 1968,MRC7,p22-23	OGS1979,OFR5271,p.93-94,26 OGS 1964,GC12,p.16 + Map 2053 OGS 1947,AR Vol.56,PT16,p89-90
U	Quinn, H. G. Con.VII ,Lot 7	Cb, eux, poly		OGS 1968,MRC 14,p45.	NMI File 31C/12, cb 1 GSC 1958,Econ. Geol.,Ser 18,p.95 ODM Map 1947-5, Olden-Beford
V	Raymond, Ira Con.VI, Lot 10	py,Ni			NMI File 31C/10 Ni 1 GSC AR Vol.13,1900,p.35R ODM 1947,AR Vol.56,PT.6,p57.
	(continued)				

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
	(continued)				
W	Sharbot Lake (O'Reilly) Con. VI, Lot 9	Ni,cp,Co		OGS 1957,MRC2,p.8	NMI File,31C/10, Ni 2 OGS 1981,Map 2449 Long Lake OGS 1964,GC12,p.16+Map 2053 Mines Br.Rept.1925,#592,p.65 Mines Br.Rept.1915,#421,p.117
X	Silver (see Varette) Con.VII,Lot2,S½	Mo		OGS 1968,MRC7,p.24	
Y	Smith, Ed Con.VI, Lot 6	mo		OGS 1968,MRC7,p22	NMI File 31C/10 Mo 1 OGS 1981,Map 2449, Long Lake OGS 1979,OFR 5271, p.96 OGS 1964,GC12,p.16 + Map 2053 OGS 1947,AR Vol.56,PT.6,p.89 Econ. Geol.#20,1963, p.168
Z	Smith, Melville Con.V, Lot 8	st (gabbro)			OGS 1947,AR Vol.56,PT6,p45-46 OGS 1947,Map 1947-5,Olden-Bedford
Aa	Smith, W. J. Con.II,Lot 8	sp		OGS 1969,MRC12,p135	NMI File 31C/10 Zn 4 OGS 1981, Map 2449 Long Lake OGS 1979,OFR 5271, p.87 OGS 1964,GC12,p.16,+Map 2053 OGS 1947,AR Vol.56,PT.6,p.91
Ab	Substantial Mine Con.IX,Lot 24	U			NMI File 31C/15 U 5 OGS 1947 Map 1947-5 Olden-Bedford Area
	(continued)				

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
	(continued)				
Ac	Varette (see Silver) Con.VII, Lot 2	Mo		OGS 1968,MRC 7,p.24	NMI File 31C/10 Mo 4 AFRO 1962 Olden Tp,DHR 14
Ad	Wager, Bismark Con.VII, Lot 1	gt			NMI File 31C/10, Phs 12 OGS 1964,GC12,p.16 +Map 2053 OGS 1947,AR Vol.56,PT.6,p.33 OGS 1947,Map 1947-3, Olden-Bedford Area
Ae	Vinkle Con. X, Lot 3	ap,calc		OGS 1967,MRC 6,p.37	OGS 1964,GC12, p.16 DEMR/CANMET 1927 #677,p.10, 29, 42
Af	White Lake Con.VII, Lot 16	ma		OGS 1969,IMR 28,p38	OGS 1964,GC12,p.16 +Map 2053 OGS 1947,AR Vol.56,PT6,p.72 OGS 1947,Map 1947-5 Olden-Bedford Area

GDII FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TWEED COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	MINING LEASE		
1	Agnes & Jenning Mining Co. AFRO file: 2.3172										79			79						
2	Cermac Surveys Co. Ltd. AFRO file: 17 Cermac Surveys Co. Ltd. (Gurnsey, J. L.) AFRO file: 11 Cermac Surveys Co. Ltd. (Johnson, G. H.) AFRO file: 18				59 59 58-59	59														
3	Consol. Rochette Mines Ltd. (Long Lake Mine-Thompson, J.E.) AFRO file: 63.3149				49-50		49-50	52												
4	Corval Corp. Ltd. AFRO file: 63A.331	57																		
5	Guardian Mines Ltd.(Murphy,J.A.) AFRO file: 63.2427 AFRO file: 10 AFRO file: 63.3449				68 68	68								69						
6	Harvey, G. H.																	80		
7	Iso Uranium Mines Ltd. AFRO file: 19 AFRO file: 63.3449				57 57	57														

GDIF FORM NO. 2

OLDEN TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TWEED COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
8	Keevil Mining Group Ltd. AFRO file: 63.2646 AFRO file: 63A.569	70		70							69			69 70						
9	Lalond, R. G. AFRO file: 15				55															
10	Lynx-Canada Expl. Ltd. AFRO file: 63.3150 AFRO file: 2.1253 AFRO file: 2.1271		72		71	71						76	76			72				
11	Mid-East Dev. Ltd. (Mirger Holding Ltd.) AFRO file: 63.3449	76			76	76		76						76						
12	Mid-South Expl. Ltd. (Douglas, W. H.) AFRO file: 20 AFRO file: 21 AFRO file: 22				71 72 74-75															
13	Quinn, H. G. & McEwen, S. R. AFRO file: 13				56-57	56-57														
14	Selco Mining Corp. Ltd. AFRO file: 2.3058	80	80																	
15	Silver, D. M. AFRO file: 35 (continued)				61															

GDIF FORM NO. 7

6

TYPE OF WORK		Numbers below represent the year in which the work was done, e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TWEED COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
	(continued) AFRO file: 14				62															
16	Sharbot Lake Mines Ltd. AFRO file: 12				57															
17	Solar Explorations Ltd. AFRO file: 63.3146 AFRO file: 2.91	70						70						70						
18	St. Joseph Expl. Ltd. (Robertson, D.) AFRO file: 2.3809										80-81		80-81							
19	Sullivan, Kathlene & Woodman, A. H. AFRO file: 16 AFRO file: 23 AFRO file: 26				54-63 63 62															

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth degrees	Initial Dip of Hole degrees	Thickness of Overburden feet	Total Length of Hole feet	Mineralization Noted in Log	Assay Data Included for
1	Consol Rochette Mines Ltd.	C1	1949-50	160	-45	-	145*		
2	" "	C2	1949-50	100	-45	-	301*		
3	" "	C3	1949-50	150	-45	-	198*		
4	" "	C4	1949-50	150	-60	-	294*		
5	" "	C5	1949-50	360	-45	-	304*		
6	" "	C6	1949-50	360	-45	-	304*		
7	" "	C7	1949-50	170	-70	-	205*		
8	" "	C8	1949-50	170	-69	-	237*		
9	" "	C9	1949-50	010	-54	-	294*		
10	" "	C10	1949-50	010	-55	-	371*		
11	" "	C11	1949-50	010	-65	-	291*		
12	" "	C11A	1949-50	170	-74	-	290*		
13	" "	C12	1949-50	170	-71	-	307*		
14	" "	C13	1949-50	160	-60	-	240*		
15	" "	C14	1949-50	170	-55	-	241*		
16	" "	C15	1949-50	165	-55	-	235*		
17	" "	C16	1949-50	155	-47	-	210*		
18	" "	C17	1949-50	155	-47	-	210*		
19	" "	C18	1949-50	170	-71	-	322*		
20	" "	C19	1949-50	170	-71	-	270*		
21	" "	C20	1949-50	170	-61	-	233*		
22	" "	C21	1949-50	165	-67	-	315*		
23	" "	C22	1949-50	165	-55	-	197*		
24	" "	C23	1949-50	165	-67	-	315*		
25	" "	C24	1949-50	170	-71	-	316*		
26	" "	C25	1949-50	170	-71	-	46*		
27	Cremac Surveys Co. Ltd.	1	1958	010	-80	-	28	gf, S	
28	" "	7	1959	355mag	-45	7	325	po,py,cp	Ni,Cu,Au
28A	" "	8	1959	360	-55	-	207	-	-
29	" "	6	1959	358	-65	8	236	po,py	-
29A	" "	5	1959	360	-65	-	192	-	-
30	" "	4	1959	305	-65	65	229	py,po,cp	Ni,Cu,Au
	(continued)		(* - calculated from AFRO 1952, Olden Township, 63.3149)						

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name (continued)	Company Drillhole Number	Date Drilled	Bearing Azimuth degrees	Initial Dip of Hole degrees	Thickness of Overburden feet	Total Length of Hole feet	Mineralization Noted in Log	Assay Data Included for
31	Mid-South Expl. Ltd.	1	1971	180	-45	-	101	mag	
32	" "	2	1972	360	-45	1	123	-	
33	" "	4	1975	270	-45	-	224	-	
34	" "	5	1974	270	-60	6	118	-	
35	Silver, D. M.	1	1961	180	-75	0	54	-	
36	" "	2	1962	180	-47	0	25	mo	
37	" "	3	1962	180	-67	0	50	mo	
38	Guardian Mines Ltd.	DDH#3	1968	-	-40	2	255	py,po	Au
39	" "	13	1968	-	-45	2	250	-	U_3O_8,Au
40	" "	14	1968	-	-45	2	235	-	U_3O_8
41	" "	15	1968	-	-45	6	235	-	U_3O_8
42	" "	16	1968	-	-90	2	395	-	U_3O_8
43	" "	17	1968	-	-45	9	160	-	U_3O_8
44	" "	18	1968	360	-45	4	160	-	U_3O_8
45	" "	19	1968	-	-45	6	218	mo,Cu	U_3O_8
46	" "	20	1968	-	-40	9	260	-	-
47	" "	21	1968	-	-	4	193	-	U_3O_8
48	" "	22	1968	360	-45	2	260	-	U_3O_8
49	" "	29	1968	-	-45	6	204	-	-
50	" "	40	1968	-	-45	17	235	-	-
51	" "	41	1968	360	-45	10	270	-	U_3O_8
52	" "	42	1968	360	-45	19	214	-	U_3O_8
53	" "	43	1968	360	-45	3	270	-	U_3O_8
54	Sullivan, Kathleen M. & Woodman, A. H.	1	1954	-	-45	0	72	mag,py	
55	" "	2	1954	-	-45	1	120	-	
56	" "	3	1954	-	-45	1	54	mag,py	
57	" "	4	1954	-	-70	1	33	mag	
58	" "	5	1954	-	-70	-	31	mag,py	
59	" "	6	1954	-	-90	1	35	mag,py	
60	" "	7	1954	-	-45	1	28	mag	
61	" "	8	1954	-	-45	1	80	-	
62	" " (continued)	9	1954	-	-45	1	111	mag	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name (continued)	Company Drillhole Number	Date Drilled	Bearing Azimuth degrees	Initial Dip of Hole degrees	Thickness of Overburden feet	Total Length of Hole feet	Mineralization Noted in Log	Assay Data Included for
63	Sullivan, Kathleen M. & Woodman, A. H.	10	1954	-	-90	1	52	mag,py	
64	" "	63-2	1964	180	-45	11	258		
65	" "	11	1955	-	-90	-	142	mag	
66	" "	12	1955	-	-90	-	102	mag	
67	" "	13	1955	-	-90	-	100	mag	
68	" "	14	1955	-	-45	-	115	mag	
69	" "	1	1955	-	-45	-	131		
70	" "	2	1955	-	-45	-	122		
71	" "	3	1955	-	-45	-	101		
72	" "	15	1956	-	-45	7	301		
73	" "	16	1957	240	-60	2	312	mag	
74	" "	16A	1960	090	-45	10	230	py, mag	
75	" "	17	1960	090	-50	1	102	py	
76	" "	62-2	1962	090	-80	6	161	py	
77	" "	63-1	1963	090	-45	4	163		
78	Lalond, R. G.	1	1956	090	-40	10	119		
79	" "	2	1956	270	-60	3	118		
80	" "	3	1956	270	15?	3	114		
81	" "	4	1956	310	-20	3	197		
82	" "	5	1956	090	-70	-	300		
83	" "	6	1956	310	-70	16	217		
84	Quinn, H. G. & Mcewen, S. R.	1	1956	360	15?	-	50		B,Cr,Cu,Pb, Mn,Ni,Sn,Ti, V,Zn,Zr
85	" "	1	1957	-	-90	-	41	py	
86	" "	1	1956	-	15?	-	36		
87	" "	2	1956	-	15?	-	36		
88	" "	1	1957	-	-90	-	41	py	
89	Iso Uranium Mines Ltd	1	1957	304	-30	-	55		
90	" "	2	1959	304	-30	-	75		
91	" "	3	1957	304	-45	-	61	py	U_3O_8
92	" " (continued)	4	1957	304	-45	-	65		U_3O_8

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name (continued)	Company Drillhole Number	Date Drilled	Bearing Azimuth degrees	Initial Dip of Hole degrees	Thickness of Overburden feet	Total Length of Hole feet	Mineralization Noted in Log	Assay Data Included for
93	Iso Uranium Mines Ltd.	5	1957	304	-45	-	85		U_3O_8
94	" "	6	1957	301	-45	-	66		U_3O_8
95	" "	7	1957	304	-45	-	52		U_3O_8
96	" "	8	1957	304	-45	-	50		
97	" "	9	1957	304	-30	-	81		
98	" "	10	1957	304	-45	-	70		
99	" "	11	1957	304	-45	-	86		
100	" "	12	1957	304	-45	-	86		
101	" "	13	1957	303	-45	-	50		
102	Sharbot Lake Mines Ltd.	A	1957	135	-45	10	98		
103	" "	B	1957	135	-45	4	100	S	
104	Mid-East Dev. Ltd.	76-1	1976	295	-50	22	272	po	U_3O_8, ThO_2
105	" "	76-2	1976	295	-50	15	352	po	U_3O_8, ThO_2
106	" "	76-3	1976	295	-50	11	288	py	U_3O_8, ThO_2
107	" "	76-4	1976	295	-50	5	254	py	U_3O_8, ThO_2
108	" "	76-5	1976	295	-50	3	248	uran,py,cp	U_3O_8, ThO_2
109	" "	76-6	1976	295	-50	15	222	mag,py	
110	" "	76-7	1976	325	-45	4	241	cp,py	U_3O_8, ThO_2, Au
111	" "	76-8	1976	-	-44	8	278	py,cp	U_3O_8, ThO_2
112	" "	76-9	1976	-	-	3	100	-	U_3O_8, ThO_2
113	" "	76-10	1976	325	-40	2	120	py	U_3O_8, ThO_2
114	" "	76-11	1976	325	-60	2	105	py	U_3O_8, ThO_2
115	" "	76-12	1976	315	-45	8	152	-	U_3O_8, ThO_2
116	" "	76-13	1976	315	-45	6	245	-	U_3O_8, ThO_2
117	" "	76-14	1976	315	-45	7	173	-	U_3O_8, ThO_2
118	" "	76-15	1976	315	-45	8	503	py,cp	U_3O_8, ThO_2
119	" "	76-16	1976	315	-45	5	315		U_3O_8, ThO_2
120	Lynx-Canada Expl. Ltd.	73G-1	1973	307	-45	7	266	py,po,sp	
121	" "	73G-2	1973	307	-45	12	250	py,po	
122	" "	73G-3	1973	307	-45	8	196	py,po,sp	
123	" "	73G-4	1973	307	-45	27	250	py,po	
	(continued)								

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name (continued)	Company Drillhole Number	Date Drilled	Bearing Azimuth degrees	Initial Dip of Hole degrees	Thickness of Overburden feet	Total Length of Hole feet	Mineralization Noted in Log	Assay Data Included for
124	Lynx-Canada Expl. Ltd.	70-K-4	1970	341	-45	-	-	-	-
125	" "	70-K-5	1970	341	-45	-	212*	sp	Zn
126	" "	70-K-6	1970	341	-45	-	304*	sp	Zn
127	" "	70-K-7	1970	341	-45	-	361*	sp	Zn
128	" "	70-K-8	1970	341	-45	-	205*	-	-
129	" "	70-K-9	1970	341	-45	-	219*	sp	Zn
130	" "	70-K-10	1970	341	-45	-	311*	sp	Zn
131	" "	70-K-11	1970	341	-45	-	290*	sp	Zn
132	" "	70-K-12	1970	341	-45	-	368*	sp	Zn
133	" "	70-K-13	1970	341	-45	-	-	-	-
134	" "	70-K-14	1970	341	-45	-	283*	sp	Zn
135	" "	70-K-15	1970	341	-45	-	368*	sp	Zn
136	" "	70-K-16	1970	341	-45	-	-	-	-
137	" "	70-K-17	1970	341	-45	-	283*	sp	Zn
138	" "	70-K-18	1970	341	-45	-	354*	sp	Zn
139	" "	70-K-19	1970	341	-45	-	-	sp	Zn
140	" "	70-K-20	1970	341	-45	-	269*	sp	Zn
141	" "	70-K-21	1970	341	-45	-	-	-	-
142	" "	70-K-22	1970	341	-45	-	-	-	-
143	" "	70-K-23	1970	341	-50	-	-	sp	Zn
144	" "	70-K-24	1970	341	-50	-	-	sp	Zn
145	" "	70-K-25	1970	341	-50	-	-	-	-
146	" "	70-K-26	1970	341	-50	-	-	-	-
147	" "	70-K-27	1970	341	-50	-	335*	sp	Zn
148	" "	70-K-28	1970	341	-50	-	311*	sp	Zn
149	" "	70-K-29	1970	341	-50	-	-	-	-
150	" "	70-K-30	1970	341	-50	-	-	sp	Zn
151	" "	70-K-31	1970	341	-50	-	-	-	-
152	" "	70-K-32	1970	341	-50	-	-	-	-
153	" "	70-K-33	1970	341	-50	-	-	sp	Zn
154	" "	70-K-34	1970	341	-50	-	-	sp	Zn
155	" "	70-K-35	1970	341	-50	-	-	-	-
	(continued)								

(*- calculated from AFRO 1974, Olden Township, 63.3150)

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name (continued)	Company Drillhole Number	Date Drilled	Bearing Azimuth degrees	Initial Dip of Hole degrees	Thickness of Overburden feet	Total Length of Hole feet	Mineralization Noted in Log	Assay Data Included for
156	Lynx-Canada Expl. Ltd.	70-K-36	1970	341	-50	-	280*	sp	Zn
157	" "	70-K-37	1970	341	-50	-	288*	sp	Zn
158	" "	70-K-38	1970	341	-50	-	293*	sp	Zn
159	" "	70-K-39	1970	341	-50	-	293*	sp	Zn
160	" "	70-K-40	1970	341	-50	-	280*	sp	Zn
161	" "	70-K-41	1970	341	-50	-	280*	-	-
162	" "	70-K-42	1970	341	-50	-	280*	sp	Zn
163	" "	70-K-43	1970	341	-50	-	280*	-	-
164	" "	70-K-44	1970	341	-50	-	280*	sp	Zn

(* - calculated from AFRO 1971, Olden Township, 63.3150)

GDIF FORM NO. 3

OLDEN TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth degrees	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
8	By: Geophysical Engineering & Surveys Limited For: Keevil Mining Group Limited	Radiometric	150'	NW-SE	1/16 mi.
1	By: Kenting Earth Sciences Ltd. For: Agnes & Jennings Mining Co. Ltd.	Radiometric	150'	N20W	1/8 mi.

GDIF FORM NO. 4

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
10	Soil	Zn	Lynx-Canada Expl. Ltd.	AFRO 1972, Olden Township, 2.1253
14	Soil	Zn	Selco Mining Corp. Ltd.	AFRO 1980, Olden Township, 2.3058

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Kemptville, Ontario

Guardian Uranium 1) N. Miner 77-04-21, Mid-East Plans, p. 7.
2) N. Miner 77-02-24, Bulk Sampling, p. 24.
3) N. Miner 77-02-03, Mid-East Likes, p. 24.
4) N. Miner 76-11-18, Mid-East Gets, p. 22.

ODM GENERAL INDEX SEARCH

Words searched: OLDEN TOWNSHIP, FRONTENAC COUNTY

Index Volume	Listing:	Report Volume	Part	Page
4	Apatite	56	6	33
	Building Materials	56	6	45
	Feldspar	56	6	48
	Gold	56	6	56-58
	Historical Notes	56	6	3-5
	Lead-Zinc mining (1948)	58	2	87
	(1949)	59	2	85
	Magnetite	56	6	62,63
	Marl	56	6	72,73
	Mica	56	6	74
	mining (1940)	50	1	152
	(1941)	51	1	223
	Molybdenite	56	6	89,90
	Rocks	51	4	59,63
		56	6	10, 29-32
	gabbro, nature and analysis	56	6	24-26
	Grenville series, notes, photos and analysis	56	6	13, 16-20
	Topography	56	6	6,7
	Zinc mining	56	6	91-94
	Long Lake Zinc Mine			
	Operations (1948)	58	2	87
	(1949)	59	2	85
	Report on	56	6	91-94
5	Lead Zinc mining	60	2	83
7	Mineral occurrences listed	GC12		16
1	Crystalline limestone	2		45
	Iron ore	13	1	54
	mining	5		276
	Lead	12		139
	Marl	13	11	46
	Pyrrhotite	9		207
		15	1	200
	Quartz from, mill test	5		215
	Zinc mining	12		25
	Richardson Zinc Mine			
	cobbing ore, photo	13	1	112,113
	Galena	12		139
	Leasing to Long Lake Zinc Co.	24	1	156
	Mill, photo	15	1	93
	Mining class at	13	1	54
	Photo	14	1	80
	Production (1904)	14	1	15
	(1906)	16	1	18

(continued)

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
1	Richardson Zinc Mine (continued)			
	Report by Uglow	25	11	44-47
	Section and plan	25	11	46
	Work at (1902)	12		25,139
	(1903)	13	1	11,94
	(1904)	14	1	39,79
	(1906)	16	1	79
	(1907)	17		84
	(1908)	18	1	134
	(1909)	19	1	126
	(1910)	20	1	109
	(1911)	21	1	42,160
	(1914)	24	1	165
2	Cowdry, W.			
	Cement plant, Mountain Grove	29	1	32
	Molybdenite	29	5	47

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
	1981	Long Lake	OGS Map 2449	
	1964	Madoc Area	OGS Map 2053	
	1947	Olden Bedford Area	OGS Map 1947-5	
		GEOPHYSICAL MAPS		
	1981	Aeromagnetic Maps of Ontario	GSC#69G,#838OG	1:63,360
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
	1973	Southern Ontario Physiography, South East	OGS Map 2227	
		MINERAL POTENTIAL MAPS		
	1978	Ontario Mineral Potential, Kingston and Part of the Ogdensburg Sheets	OGS,Preliminary Map P.1505,MDS	1:250,000
		GEOCHEMICAL		

GDIF FORM NO. 9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Wolfe, J. H.	1979	Geology of the Long Lake Area	OGS,OFR 5271	
Hewitt	1964	Geology of the Gananoque-Madoc Area	OGS, GC12	
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		
Cone, H.	1976	Petrology and Metamorphism of the Long Lake Zinc Deposits	Unpl.B.Sc.Thesis Carleton University.	
Ewert, W. D.	1977	Metamorphism of Siliceous Carbonate Rocks in the Grenville Province,S.E. Ontario	Unpl.Ph.D.Thesis Carleton University	
Brown, A. C.	1976	The Long Lake Zinc Mine, Frontenac County, Ontario	Min.Exploration Research Institute,CaseHistory 76-2, Montreal	
Uglow, W. L.	1916	Ore Genesis and Contact Metamorphism at the Long Lake Zine Mine, Ontario	Econ. Geology Vol.XI,#3.	

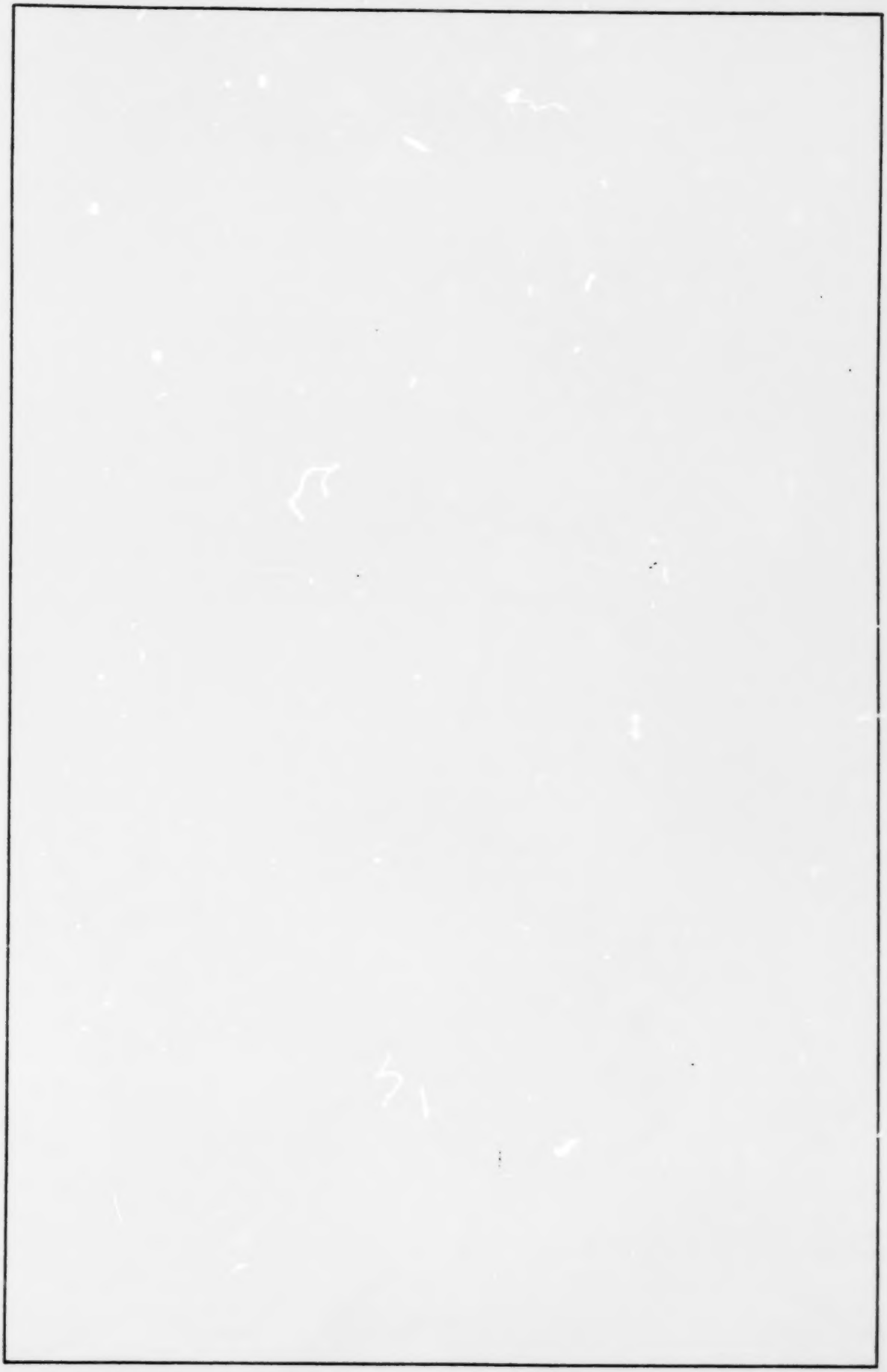
GDIF FORM NO. 9

NOTES AND ADDENDA

Aerial Photographs on File

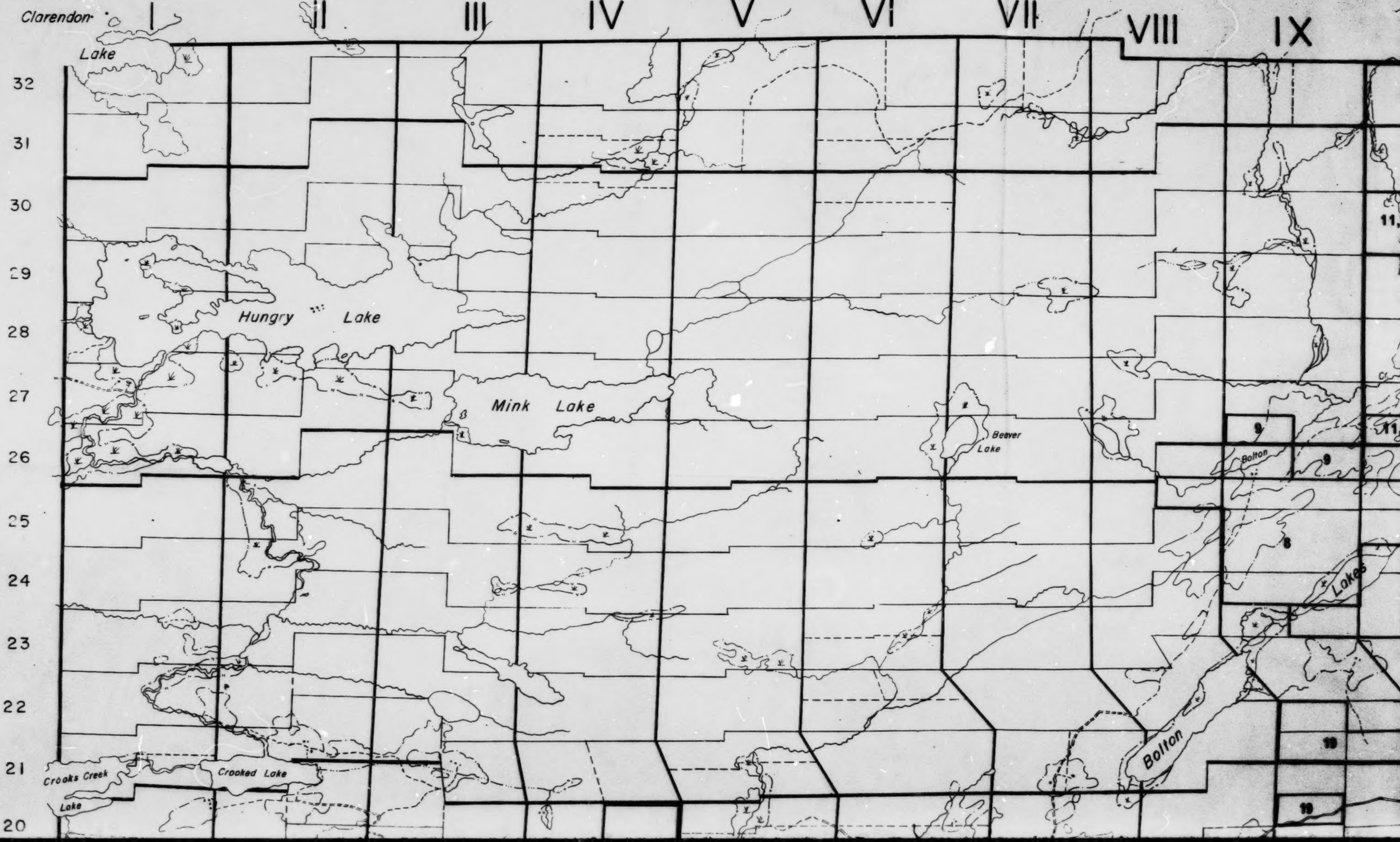
Scale 1" = ¼ mile

Year	Roll Number	Flight Line	Photo Numbers
1978	119	4446	102 - 104
1978	130	4447	106 - 115
1978	128	4448	49 - 63
1978	129	4449	35 - 52
1978	131	4450	48 - 55
1978	143	4451	102 - 121
1978	157	4452	84 - 89
1978	162	4453	125 - 144
1978	163	4454	195 - 210
1978	164	4455	150 - 167
1978	165	4456	98 - 117
1978	189	4457	57 - 80
1978	189	4458	150 - 166
1978	190	4459	107 - 118
1978	194	4460	40 - 41

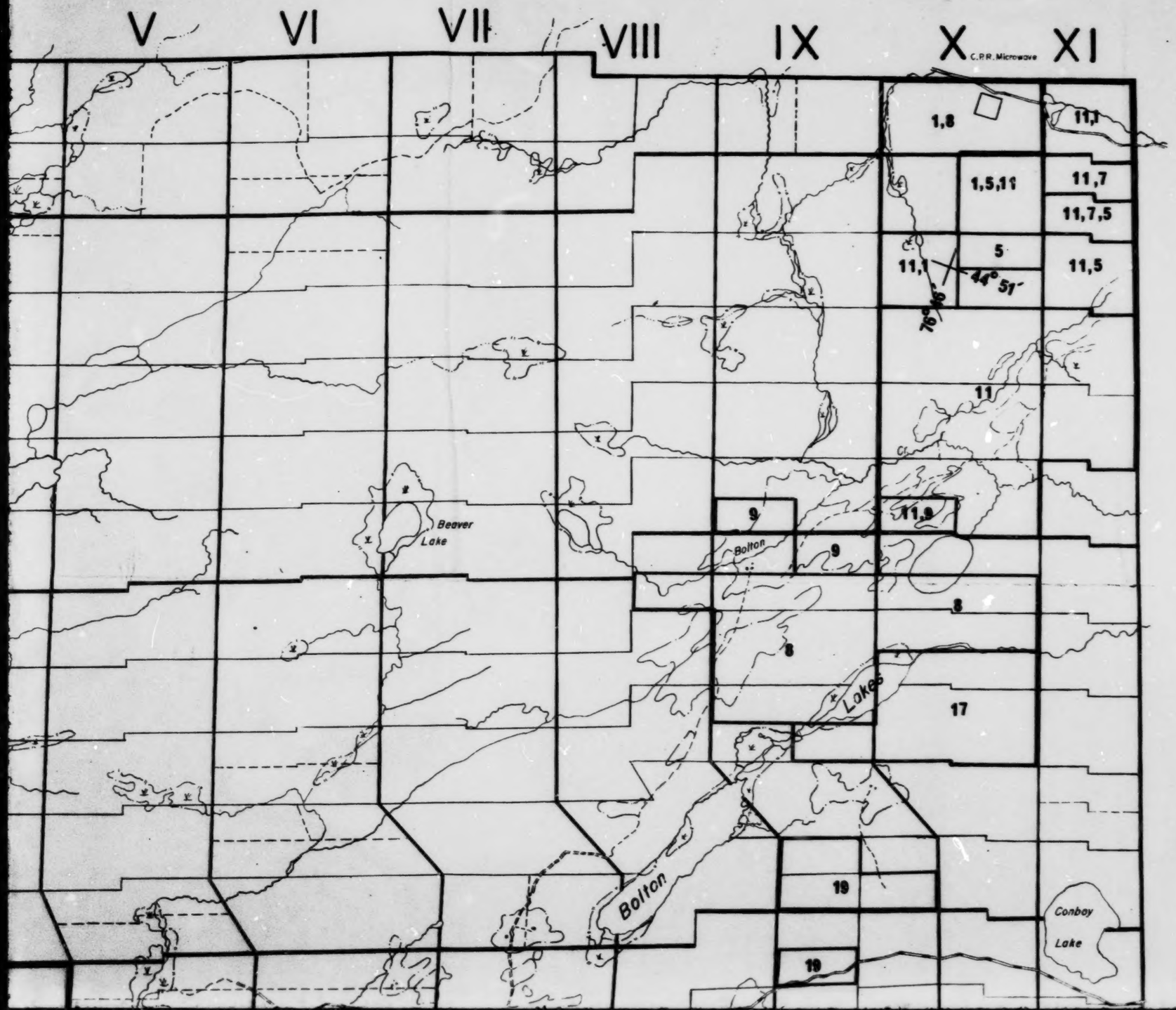


OLDEN TOWNSHIP

Clarendon Twp.



don Twp.



Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY
PROPERTY LOCATION MAP
(Map 1 of 2 .)
to accompany GEOLOGICAL DATA
INVENTORY FOLIO 94

OLDEN TOWNSHIP

FRONTENAC COUNTY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

Kennebec Twp.

24
23
22
21
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14
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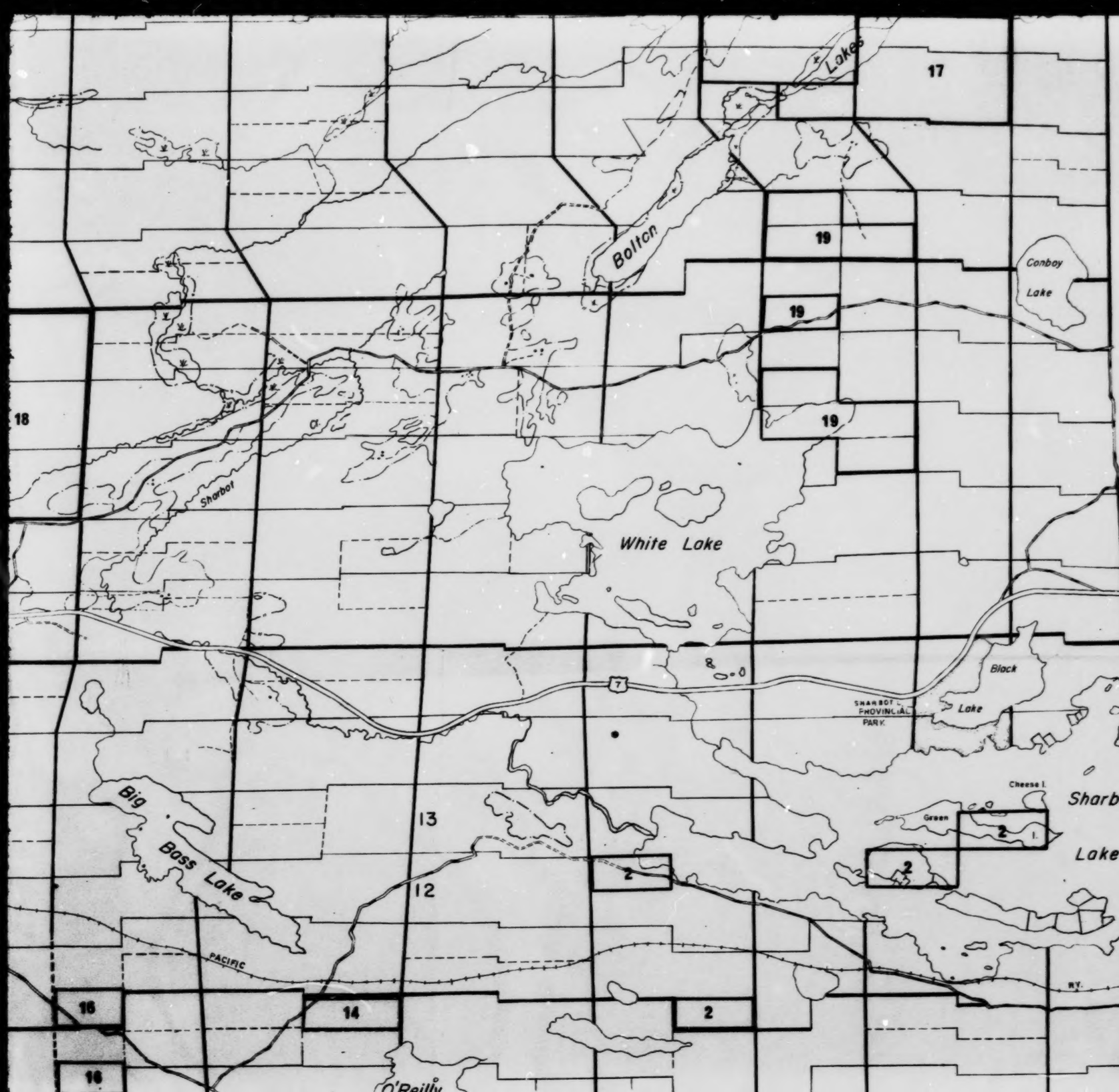
11
10

Crooks Creek Lake
Crooked Lake
Lakes
Bolton
Sharbot
White Lake
Mountain Grove
CANADIAN
Big Bass Lake
PACIFIC
Keller L.
Carnahan Lake
O'Reilly

18
19
16
14
13
12
2
7



24
23
22
21
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19
18
17
16
15
14
13
12
11
10

EXPLORATION DATA FILE AREAS

- ⊠ (1)(5) — Reference number is always inside work area outlined. See listing in text pages
- □ x (4) — Small area of exploration data.
- □ —

Hinchinbrooke Twp.

Bass Lake

Lake

PACIFIC

RY.

O'Reilly L.

C.P.R.

Daley Lake

St. George L.

Leggat Lake

Abbott Lake

Eagle Lake

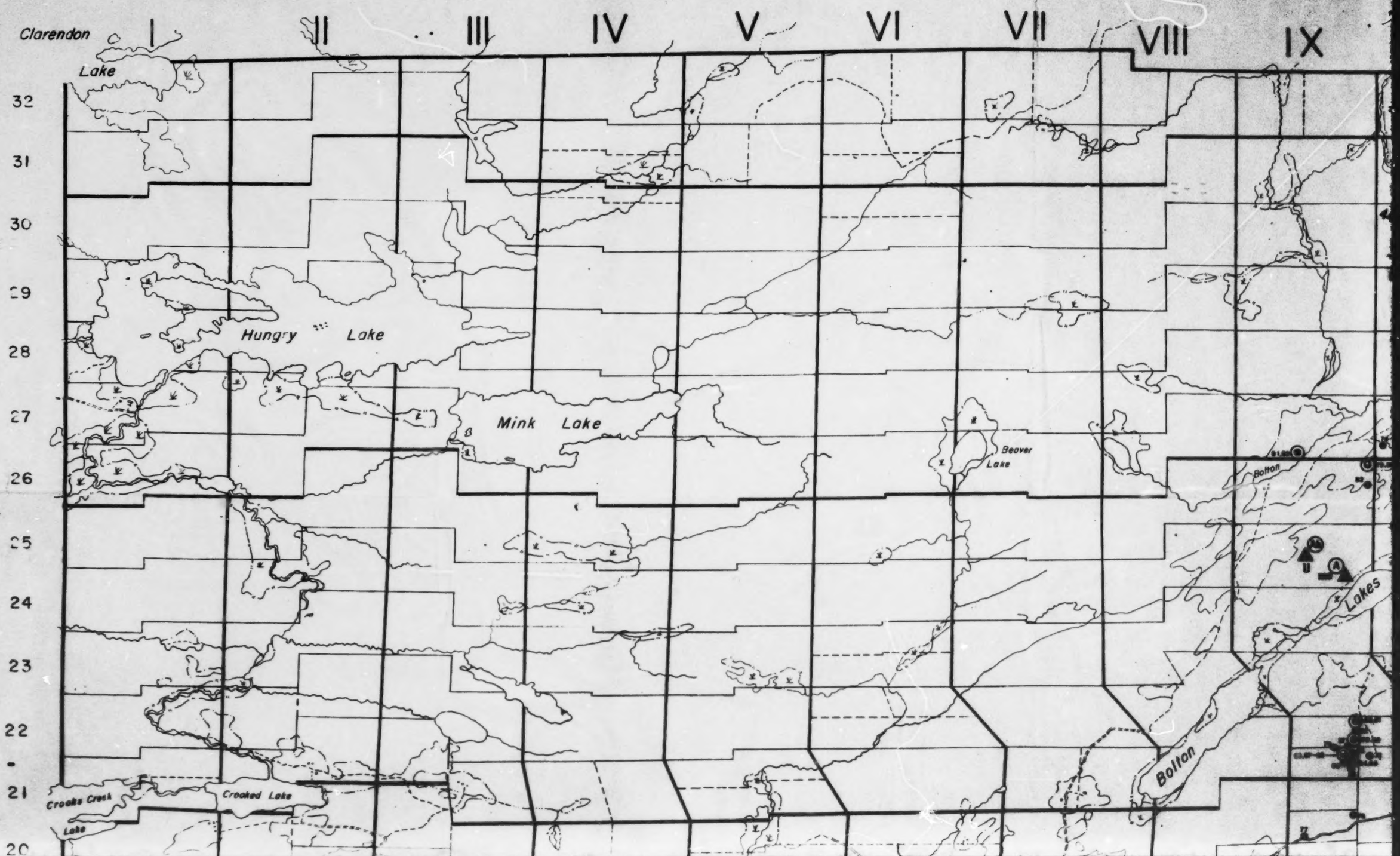
Long Lake

13 12 11 10 9 8 7 6 5 4 3 2 1

V VI VII VIII IX X XI

Hinchinbrooke Twp.

Clarendon Twp.

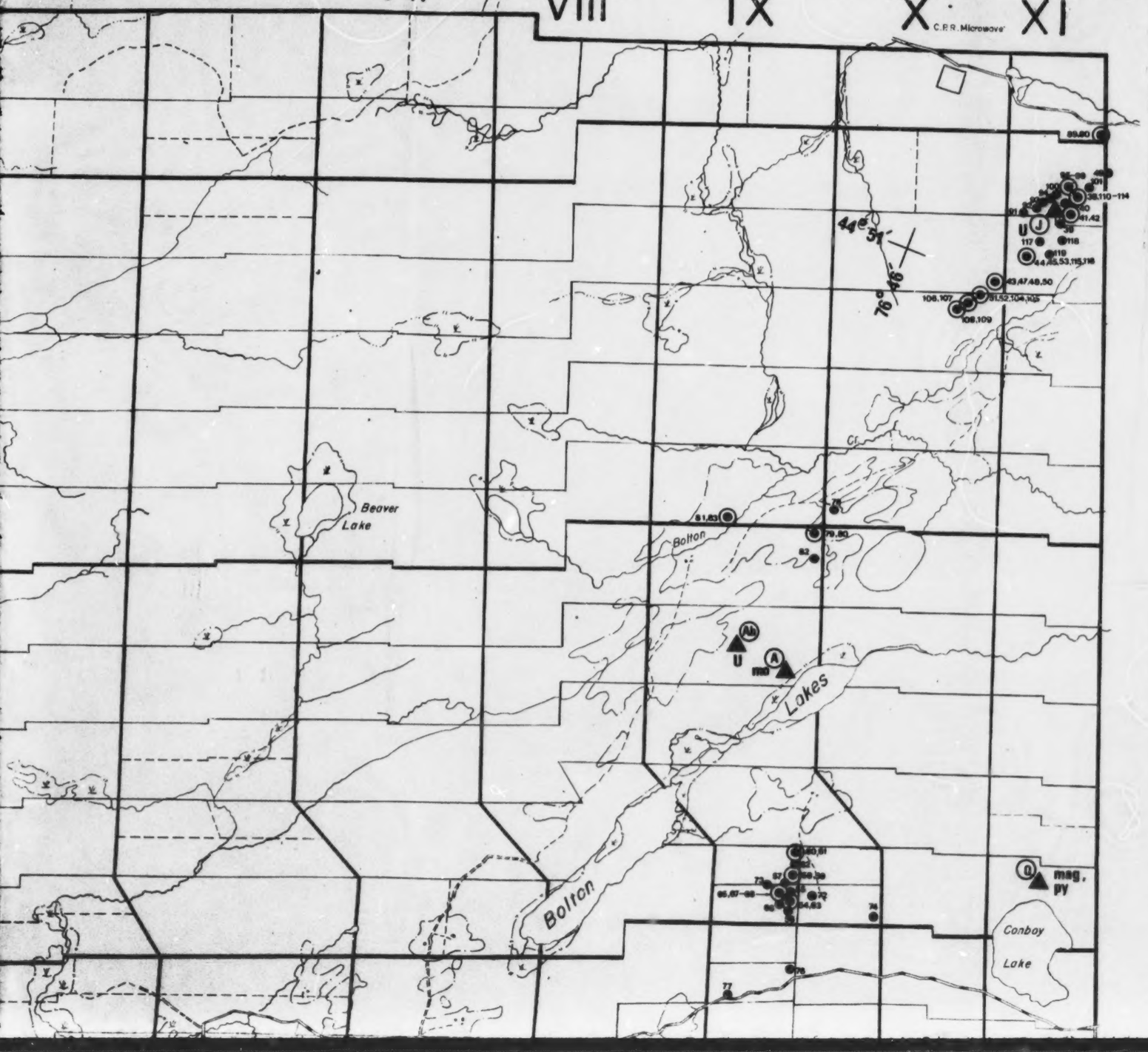


wp.

V VI VII VIII IX X XI

C.P.R. Microwave

31 30 29 28 27 26 25 24 23 22 21 20



Ministry of Natural Resources

Ontario

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY
Map to Accompany GEOLOGICAL DATA
INVENTORY FOLIO 94

OLDEN TOWNSHIP

FRONTENAC COUNTY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP (Map 2 of 2.)

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized Float with reference letter

Kennebec Twp.

24
23
22
21
20
19
18
17
16
15
14
13
12
11
10

Crooks Creek Lake
Crooked Lake
Bolton
Lakes
Sharbot
White Lake
Mountain Grove
CANADIAN
Big Boss Lake
PACIFIC
Kellar L.
Cranberry Lake
O'Reilly

Bulton

Lakes

Conboy Lake

mag, py

Sharbot

White Lake

mag

fel,mag

Black Lake

SHARBOT L. PROVINCIAL PARK

Big Boss Lake

Creese I.

Green I.

Sharbot Lake

PACIFIC RY.

24 23 22 21 20 19 18 17 16 15 14 13 12 11 10

GEOLOGICAL AND MINING SYMBOLS

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MINERAL OCCURRENCES

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DRILL HOLES

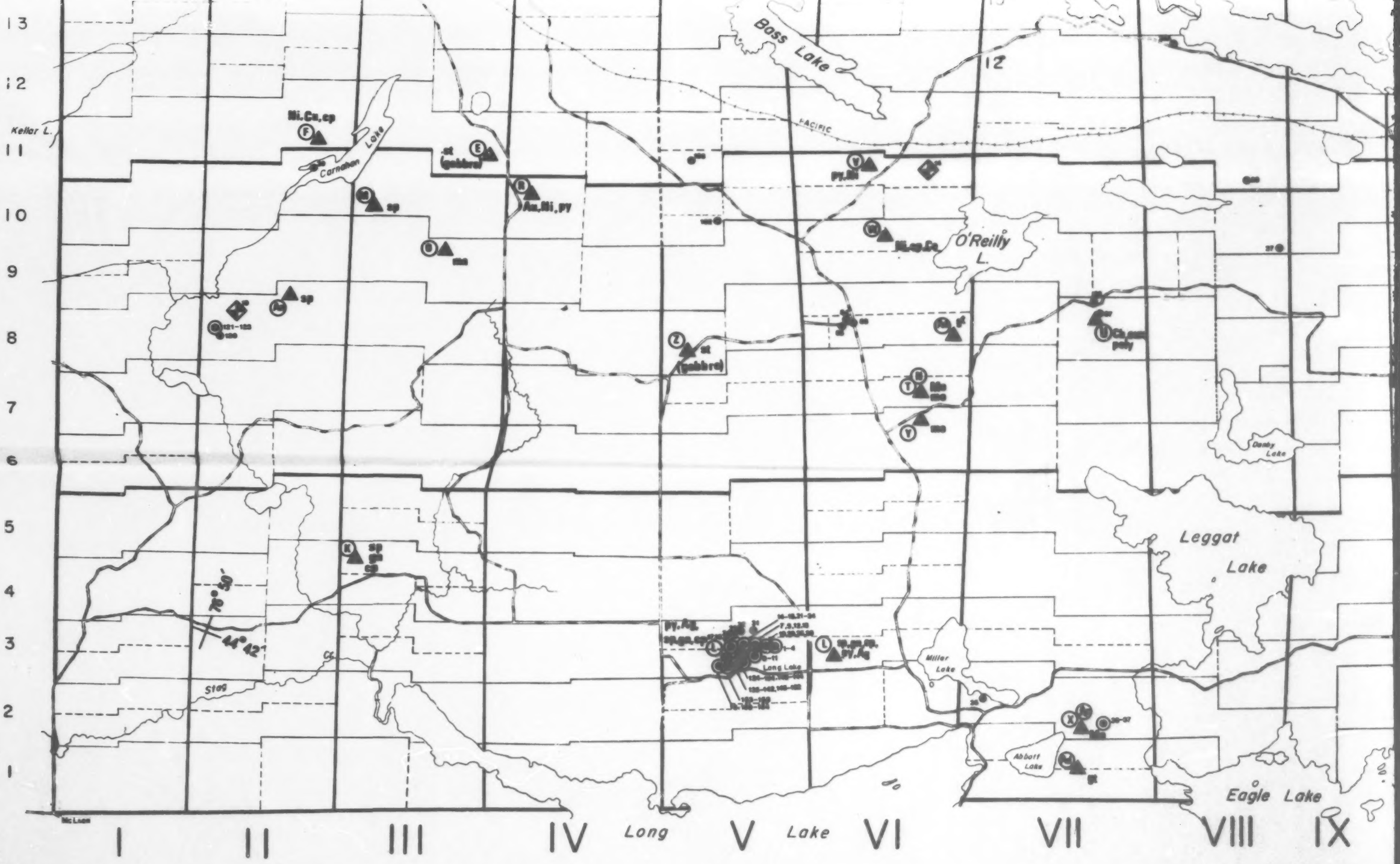
- Location of single drill hole, with reference number
- Location of closely spaced group of drill holes, with reference number
- Drill hole, exact location uncertain, with reference number.
- Property with underground drill holes in this general area, with reference number
- Property with drill holes which have not been plotted on map, with reference number
- Reverse Circulation Drill Hole; Churn drilling, with reference number

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly. Location of anomaly along flight line



Hinchinbrooke Twp.

Area of geochemical sampling, with reference number

Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- Airborne Radiometric Anomaly
- Ground Magnetometer Anomaly
- Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
  Crone EM - 16)
- Ground Radiometric Anomaly
- Induced Polarization Anomaly
- Self Potential Anomaly
- Audio-frequency magnetometer anomaly
  (total intensity)
- Resistivity Anomaly
- Gravity Anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

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